



FORM HSD-1449 (Based on Form PTO-1449)		ATTORNEY DOCKET No.	APPLICATION No.
		9919-000002/COC	10/668,708
		APPLICANT	
		John F. Austermann, III	
		FILING DATE	GROUP
		September 23, 2003	2616

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1		Re. 33,900	Apr-92	Howson	370/105	Jul-31-1989
2		2,846,509	Aug-58	A. S. Dubuar	379/340	Dec-14-1956
3		3,423,521	Jan-69	Friesen, et al.	725/84	Jan-24-1966
4		3,500,132	Mar-70	Garrett	361/186	Dec-19-1966
5		3,535,472	Oct-70	H.S. Babbitt III	455/14	Jul-21-1967
6		3,593,274	Jul-71	Krugler, Jr.	340/458	Jun-13-1968
7		3,634,845	Jan-72	Colman	340/508	Mar-27-1968
8		3,731,012	May-73	Shaffer	379/380	Sep-30-1971
9		3,758,728	Sep-73	Le Roch et al	379/4	Jun-22-1972
10		3,768,084	Oct-73	Haynes	377/12	Jul-14-1972
11		3,781,481	Dec-73	Shaffer et al	379/299	Sep-30-1971
12		3,818,179	Jun-74	Mase	219/267	Sep-25-1973
13		3,828,139	Aug-74	Chambers, Jr.	379/401	Oct-24-1972
14		3,832,521	Aug-74	Niendorf	219/130.3 2	Jun-8-1970
15		3,848,179	Nov-74	Kayama	323/280	Sep-21-1973
16		3,868,484	Feb-75	Bolton, et al	340/455.2	Dec-11-1972
17		3,886,419	May-75	Omura, et al.	318/132	Apr-10-1974
18		4,064,431	Dec-77	Cote	362/4	Jul-6-1976
19		4,101,878	Jul-78	Shimizu, et al.	307/140	Oct-4-1976
20		4,128,804	Dec-78	Russell	324/424	Jan-19-1978

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<b>FORM HDP-1449 (Based on Form PTO-1449)</b> <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> <small>(Use several sheets if necessary)</small> Sheet 2 of 28		ATTORNEY DOCKET No.	APPLICATION No.
		9919-000002/COC	10/668,708
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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
21		4,131,767	Dec-78	Weinstein	379/406.06	Feb-22-78
22		4,160,884	Jul-79	Bishop	379/348	Feb-6-1978
23		4,161,719	Jul-79	Parikh et al.	375/365	Oct-4-1977
24		4,179,688	Dec-79	Romnet	340/815.83	Jan-31-1977
25		4,186,339	Jan-80	Finger	324/142	Jan-20-1978
26		4,191,971	Mar-80	Dischert, et al.	348/211.11	May-24-78
27		4,232,199	Nov-80	Boatwright et al.	379/197	Oct-18-78
28		4,254,305	Mar-81	Treiber	379/324	Feb-7-1979
29		4,260,882	Apr-81	Barnes	250/205	May-17-1978
30		4,268,723	May-81	Taylor	379/395.01	Sep-4-1979
31		4,277,740	Jul-81	Parks	324/540	Oct-22-1979
32		4,282,407	Aug-81	Stiefel	379/377	Oct-15-1979
33		4,290,056	Sep-81	Chow	340/538	Jul-5-1979
34		4,303,073	Dec-81	Archibald	606/35	Jan-17-1980
35		4,313,081	Jan-82	Smith	323/209	Apr-1-1980
36		4,315,107	Feb-82	Ciesielka, et al	379/400	Oct-15-1979
37		4,322,677	Mar-82	Wright	324/531	Mar-16-1979
38		4,349,703	Sep-82	Chea, Jr.	379/382	Mar-31-1980

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
39		4,367,455	Jan-83	Fried	340/310.1 1	Feb-12-1981
40		4,388,667	Jun-83	Saurenman	361/231	May-1-1981
41		4,397,020	Aug-83	Howson	350/510	Oct-13-1981
42		4,398,066	Aug-83	Sinberg	379/412	Aug-19-1981
43		4,410,982	Oct-83	Fleischfresser, et al	370/384	May-7-1981
44		4,463,352	Jul-84	Forbes, et al	370/424	Jul-6-1982
45		4,467,314	Aug-84	Weikel et al.	700/295	Mar-29-1982
46		4,475,079	Oct-84	Gale	324/533	May-19-1983
47		4,487,836	Dec-84	Takayanagi, et al.	436/2	Jul-27-1982
48		4,494,541	Jan-85	Archibald	606/35	Nov-2-1981
49		4,507,568	Mar-85	Ziegler, et al	307/112	Apr-25-1983
50		4,528,667	Jul-85	Fruhauf	714/809	Apr-18-1983
51		4,532,626	Jul-85	Flores et al.	370/438	Jul-19-1982
52		4,535,401	Aug-85	Penn	700/3	Jun-30-1982
53		4,564,726	Jan-86	Ibata	379/166	May-25-1984
54		4,639,714	Jan-87	Crowe	375/259	Dec-21-1984
55		4,656,318	Apr-87	Noyes	379/102.0 4	May-9-1985
56		4,661,797	Apr-87	Schmall	340/561	Apr-8-1985

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
57		4,692,761	Sep-87	Robinton	340/825.0 1	Jun-21-1985
58		4,712,233	Dec-87	Kuo	379/386	Apr-22-1985
59		4,723,267	Feb-88	Jones et al.	379/93.05	Jun-17-1985
60		4,731,810	Mar-88	Watkins	379/33	Feb-26-1986
61		4,751,498	Jun-88	Shalvi, et al.	340/524	Mar-11-86
62		4,755,792	Jul-88	Pezzolo, et al.	340/538	Aug-24-1987
63		4,779,153	Oct-88	Tsubota	360/96.51	Jun-29-1987
64		4,782,355	Nov-88	Sakai et al.	396/72	Jun-23-1986
65		4,799,211	Jan-89	Felker et al.	370/252	Jul-23-1987
66		4,785,812	Nov-88	Pihl, et al.	607/8	Nov-26-1986
67		4,815,106	Mar-89	Propp, et al.	375/257	Apr-16-1986
68		4,817,106	Mar-89	Thompson	372/50.12	Mar-28-1989
69		4,821,319	Apr-89	Middleton, et al.	379/167.1 3	May-5-1987
70		4,825,349	Apr-89	Marcel	363/50	Apr-25-1988
71		4,839,886	Jun-89	Wu	370/463	Jun-22-1987
72		4,875,223	Oct-89	Curtis	375/258	Sep-8-1987
73		4,884,263	Nov-89	Suzuki	370/225	Mar-17-1989

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
74		4,884,287	Nov-89	Jones et al.	375/377	Apr-1-1988
75		4,885,563	Dec-89	Johnson, et al.	375/259	May-3-1988
76		4,901,217	Feb-90	Wilson	363/126	Feb-13-1989
77		4,903,006	Feb-90	Boomgaard	307/3	Feb-16-1989
78		4,916,621	Apr-90	Bean, et al.	701/117	May-18-1987
79		4,926,158	May-90	Zeigler	370/294	Feb-1-1989
80		4,937,811	Jun-90	Harris	370/200	Feb-24-1989
81		4,951,309	Aug-90	Gross, et al.	379/102.0 4	Oct-14-1988
82		4,992,774	Feb-91	McCullough	345/204	Jan-27-1989
83		4,969,179	Nov-90	Kanare et al.	379/33	Jan-9-1990
84		4,973,954	Nov-90	Schwartz	370/475	Jan-24-1989
85		4,998,850	Mar-91	Crowell	406/48	Feb-9-1990
86		5,003,457	Mar-91	Ikei, et al.	700/4	Dec-28-1988
87		5,007,858	Apr-91	Daly, et al.	439/498	Apr-20-1990
88		5,020,773	Jun-91	Tuft, et al.	251/129.1 2	Jan-22-1990
89		5,021,779	Jun-91	Bisak	340/825.6 9	Aug-14-1986
90		5,029,201	Jul-91	Bindels	379/93.25	Apr-19-1990

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
91		5,032,833	Jul-91	Laporte	340/825.0 2	Apr-27-1989
92		5,033,112	Jul-91	Bowling et al.	398/110	Dec-11-1987
93		5,038,782	Aug-91	Gevins, et al.	600/383	Jul-19-1990
94		5,056,131	Oct-91	Kanare et al.	379/33	Oct-29-1990
95		5,059,782	Oct-91	Fukuyama	250/214A	Jul-11-1990
96		5,063,585	Nov-91	Shapiro	379/30	Sep-27-1990
97		5,066,939	Nov-91	Mansfield, Jr.	455/402	Oct-4-1989
98		5,076,763	Dec-91	Anastos	417/44.11	Oct-1-1990
99		5,077,526	Dec-91	Vokey, et al	324/541	Apr-23-1990
100		5,093,828	Mar-92	Braun et al.	370/451	Mar-16-1990
101		5,119,402	Jun-92	Ginzburg, et al.	375/288	Jun-26-1990
102		5,121,482	Jun-92	Patton	710/16	Sep-11-89
103		5,121,500	Jun-92	Arlington et al.	713/330	May-13-1991
104		5,131,033	Jul-92	Reum	379/413	May-15-1990
105		5,179,710	Jan-93	Coschieri	713/300	Mar-13-1992

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
106		5,189,409	Feb-93	Okuno	340/825.5 7	Sep-20-1991
107		5,192,231	Mar-93	Dolin, Jr.	439/620.2 1	Mar-26-1991
108		5,199,049	Mar-93	Wilson	375/351	Apr-27-1990
109		5,200,877	Apr-93	Betton, et al.	361/92	Apr-2-1991
110		5,222,164	Jun-22	Bass, Sr., et al	385/14	Aug-27-1992
111		5,223,806	Jun-93	Curtis et al.	333/12	Aug-23-1991
112		5,235,599	Aug-93	Nishimura et al.	714/4	Jul-26-1990
113		5,241,160	Aug-93	Bashan, et al.	235/380	Jul-6-1992
114		5,255,962	Oct-93	Neuhnus, et al,	303/188	Jul-17-1991
115		5,267,238	Nov-93	Yano et al.	370/452	Nov-27-91
116		5,270,896	Dec-93	McDonald	361/45	Nov-14-1991
117		5,275,172	Jan-94	Ives	600/544	Apr-2-1992

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
118		5,285,477	Feb-94	Leonowich	375/257	Dec-18-1991
119		5,302,889	Apr-94	Marsh	323/284	Jun-19-1992
120		5,306,956	Apr-94	Ikeda, et al.	307/125	Dec-12-1991
121		5,313,642	May-94	Seigel	713/323	Oct-3-1990
122		5,315,237	May-94	Iwakura, et al.	324/754	Aug-6-1991
123		5,321,372	Jun-94	Smith	333/1	Jan-8-1993
124		5,323,461	Jun-94	Rosenbaum, et al	379/399.0 1	Apr-2-1992
125		5,333,177	Jul-94	Braitberg, et al.	455/559	Oct-19-1991
126		5,345,422	Sep-94	Redwine	365/189.0 9	May-6-1993
127		5,345,592	Sep-94	Woodmas	725/130	Apr-8-1992
128		5,351,272	Sep-94	Abraham	375/260	May-18-1992

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129		5,353,009	Oct-94	Marsh	340/505	Jul-7-1993
130		5,379,441	Jan-95	Watanabe, et al.	710/317	Jun-8-1990
131		5,381,804	Jan-95	Shambroom	600/544	Oc-14-1993
132		5,384,429	Jan-95	Bulson, et al.	174/102R	Jun-24-1993
133		5,389,882	Feb-95	l'Anson	324/522	Jun-1-1993
134		5,408,669	Apr-95	Stewart et al.	713/300	Jul-5-1994
135		5,422,519	Jun-95	Russell	307/104	May-22-1991
136		5,438,606	Aug-95	Cerulli	379/24	Apr-30-1993
137		5,440,335	Aug-95	Beveridge	725/106	May-28-1993
138		5,441,520	Aug-95	Olsen, et al.	607/6	Apr-6-1993
139		5,444,184	Aug-95	Hassel	174/113R	Feb-10-1993

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
140		5,452,344	Sep-95	Larson	340/538.1 1	Nov-16-1993
141		5,455,467	Oct-95	Young et al.	307/104	Mar-2-1994
142		5,457,629	Oct-95	Miller, et al.	701/1	Sep-18-1992
143		5,461,671	Oct-95	Sakuragi et al.	379/400	Jun-1-1993
144		5,467,384	Nov-95	Skinner, Sr.	455/402	Feb-3-1994
145		5,483,574	Jan-96	Yuyama	379/32.04	May-18-1992
146		5,483,656	Jan-96	Oprescu et al.	713/320	Jan-14-1993
147		5,491,463	Feb-96	Sargeant et al.	340/310/1 6	Jun-28-1993
148		5,493,684	Feb-96	Gephardt et al.	713/322	Apr-6-1994
149		5,498,911	Mar-96	Bossler	307/10.1	Dec-13-1994
150		5,513,370	Apr-96	Paul	709/249	Aug-27-1993

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U.S. PATENT DOCUMENTS						
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151		5,514,859	May-96	Seigel	235/462/15	Apr-14-1995
152		5,515,303	May-96	Cargin, Jr. et al.	361/683	Aug-11-1994
153		5,517,172	May-96	Chiu	340/5.7	Sep-19-1984
154		5,519,882	May-96	Asano, et al.	710/10	Mar-3-1994
155		5,528,248	Jun-96	Steiner, et al.	342/357.06	Aug-19-1994
156		5,528,661	Jun-96	Siu, et al.	379/29.01	Feb-9-1994
157		5,532,898	Jul-96	Price	361/119	Apr-1-1994
158		5,537,468	Jul-96	Hartman	379/221.01	Oct-6-1992
159		5,540,235	Jul-96	Wilson	600/554	Jun-30-1994
160		5,541,957	Jul-96	Lau	375/258	Jun-15-1994
161		5,548,466	Aug-96	Smith	361/44	Nov-4-1994

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
162		5,560,022	Sep-96	Dunstan et al.	713/300	Jul-19-1994
163		5,560,357	Oct-96	Faupel, et al.	600/345	Jan-27-1995
164		5,563,489	Oct-96	Murry	318/778	Mar-31-1994
165		5,570,002	Oct-96	Castleman	323/283	Feb-18-1994
166		5,572,182	May-96	De Pinho Filho	340/855.4	Feb-17-1994
167		5,574,748	Nov-96	Vander Mey et al.	375/139	May-22-1995
168		5,581,772	Dec-96	Nanno, et al.	713/340	Oct-20-1994
169		5,594,332	Jan-97	Harman, et al.	324/127	Oct-12-1994
170		5,596,637	Jan-97	Pasetti, et al.	379/399.02	May-2-1994
171		5,608,545	Mar-97	Kagawa	358/468	Jan-17-1995
172		5,608,792	Mar-97	Laider	379/386	May-31-1994

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173		5,617,418	Apr-97	Shirani et al.	370/465	Nov-1-1993
174		5,623,184	Apr-97	Rector	315/102	May-14-1996
175		5,630,058	May-97	Mosley, et al.	726/35	Oct-13-1994
176		5,631,570	May-97	King	324/718	May-9-1995
177		5,635,896	Jun-97	Tinsley, et al.	340/310.15	Dec-27-1993
178		5,642,248	Jun-97	Campolo, et al.	361/42	Aug-31-1995
179		5,649,001	Jul-97	Thomas, et al.	379/93.07	Mar-24-1995
180		5,652,479	Jul-97	LoCascio, et al.	315/225	Jan-25-1995
181		5,652,575	Jul-97	Pryor, et al.	379/29.11	Jun-30-1994
182		5,652,893	Jul-97	Ben-Meir et al.	713/310	Dec-13-1994
183		5,652,895	Jul-97	Poisner	713/322	Dec-26-1995

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
184		5,655,077	Aug-97	Johnes et al.	726/8	Dec-13-1994
185		5,659,542	Aug-97	Bell et al.	370/496	Mar-3-1995
186		5,664,002	Sep-97	Skinner, Sr.	379/56.2	Nov-13-1995
187		5,670,937	Sept-97	Right, et al.	340/506	May-16-1995
188		5,671,354	Sep-97	Ito et al.	726/3	Feb-23-1996
189		5,675,371	Oct-97	Barringer	725/148	Oct-27-1995
190		5,675,811	Oct-97	Broedner	713/323	Aug-18-1995
191		5,675,813	Oct-97	Holmdahl	713/310	Oct-26-1995
192		5,678,547	Oct-97	Faupel, et al.	600/409	Apr-26-1995
193		5,678,559	Oct-97	Drakulic	600/544	Jan-23-1995
194		5,679,987	Oct-97	Ogawa	307/147	Nov-1-1995

Examiner:	Date Considered:
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FORM HDP-1449 (Based on Form PTO-1449)		ATTORNEY DOCKET No.	APPLICATION No.
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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
195		5,684,826	Nov-97	Ratner	375/222	Feb-8-1996
196		5,684,950	Nov-97	Dare et al.	726/10	Sep-23-1996
197		5,686,826	Nov-97	Kurtz, et al.	323/365	Mar-15-1996
198		5,689,230	Nov-97	Merwin et al.	340/310.1 1	Nov-9-1995
199		5,696,660	Dec-97	Price	361/119	Jun-3-1996
200		5,706,287	Jan-98	Leimkoetter	370/410	Feb-16-1996
201		5,729,204	Mar-98	Fackler, et al.	340/2.4	Feb-15-1995
202		5,742,514	Apr-98	Bonola	700/286	Sep-11-1996
203		5,742,833	Apr-98	Dea, et al.	713/323	Nov-30-1995
204		5,758,101	May-98	Pemberton	710/302	Jul-14-1995
205		5,761,084	Jun-98	Edwards	700/293	Jul-31-1996
206		5,766,133	Jun-98	Faisandier	600/509	Oct-30-1995

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
207		5,779,196	Jul-98	Timar	244/209	Dec-8-1995
208		5,781,015	Jul-98	Duffin, et al.	324/508	Apr-3-1997
209		5,783,999	Jul-98	Price, et al.	340/644	May-29-1996
210		5,784,441	Jul-98	Davis, et al.	379/106.0 1	Nov-3-1993
211		5,790,363	Aug-98	Chaudhry	361/119	Dec-3-1997
212		5,796,185	Aug-98	Takata et al.	307/140	Oct-15-1996
213		5,796,965	Aug-98	Choi, et al.	713/300	Jun-14-1996
214		5,799,040	Aug-98	Lau	375/258	Jun-3-1996
215		5,799,196	Aug-98	Flannery	713/320	Jul-2-1996
216		5,802,042	Sep-98	Natarajan et al.	370/255	Jun-28-1996
217		5,802,305	Sep-98	McKaughan et al.	709/227	May-17-1996
218		5,805,597	Sep-98	Edem	370/445	Jun-4-1996

Examiner:	Date Considered:
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<b>FORM HDP-1449 (Based on Form PTO-1449)</b> <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> <small>(Use several sheets if necessary)</small>		ATTORNEY DOCKET No.	APPLICATION No.
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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
219		5,805,904	Sep-98	Jung	713/300	Jul-5-1996
220		5,808,846	Sep-98	Holce, et al.	361/93.6	Jul-11-1995
221		5,810,606	Sep-98	Ballast, et al.	439/15	Aug-12-1997
222		5,814,900	Sep-98	Esser, et al.	307/104	Nov-25-1994
223		5,815,665	Sep-98	Teper et al.	709/229	Apr-3-1996
224		5,828,293	Oct-98	Rickard	375/257	Jun-10-1997
225		5,834,942	Nov-98	De Angelis	324/522	Nov-10-1998
226		5,835,005	Nov-98	Furukawa et al.	370/400	Jul-12-1995
227		5,836,785	Nov-98	Lee	439/505	May-12-1997
228		5,842,955	Dec-98	Wilkinson	482/52	Sep-2-1997
229		5,841,203	Nov-98	Chambers, et al.	307/10.8	Apr-24-1995
230		5,845,150	Dec-98	Henion	710/19	Dec-20-1996

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
231		5,845,190	Dec-98	Bushue, et al.	725/130	Feb-28-1996
232		5,848,149	Dec-98	Chen, et al.	379/399.01	May-26-1995
233		5,854,839	Dec-98	Chen, et al.	379/413	Aug-7-1996
234		5,859,584	Jan-99	Counsell, et al.	340/538	Nov-14-1996
235		5,859,596	Jan-99	McRae	340/870.02	Aug-30-1996
236		5,884,086	Mar-99	Amoni, et al.	713/300	Apr-15-1997
237		5,915,002	Jun-99	Shimosako	379/93.07	Jul-28-1995
238		5,918,016	Jul-99	Brewer et al.	709/220	Jun-10-1997
239		5,920,253	Jul-99	Laine	375/259	Sep-5-1995
240		5,923,363	Jul-99	Elberbaum	348/156	Mar-6-1997
241		5,929,624	Jul-99	Ricq, et al.	324/67	Mar-20-1995
242		5,933,073	Aug-99	Shuey	375/258	Jul-7-1997

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
243		5,933,590	Aug-99	Allen	714/4	Apr-18-1996
244		5,937,033	Aug-99	Bellows	379/29.01	May-20-1997
245		5,939,801	Aug-99	Bouffard	307/65	May-5-1997
246		5,944,659	Aug-99	Flach, et al	600/300	Jul-2-1996
247		5,944,824	Aug-99	He	726/6	Apr-30-1997
248		5,944,831	Aug-99	Pate, et al.	713/324	Jun-13-1997
249		5,946,180	Aug-99	Simpson	361/93.3	Aug-26-1998
250		5,949,806	Sep-99	Ness, et al.	372/38.07	Jun-19-1998
251		5,960,208	Sep-99	Obata, et al.	713/330	May-23-1997
252		5,995,348	Nov-99	McCartan, et al.	361/42	Sep-19-1997
253		5,995,353	Nov-99	Cunningham et al.	361/111	Jun-17-1997
254		6,005,760	Dec-99	Holce, et al.	361/93.6	Apr-8-1998

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
255		6,011,680	Jan-00	Solleder, et al	361/90	Jan-8-1977
256		6,011,794	Jan-00	Mordowitz	370/389	Sep-9-1996
257		6,011,910	Jan-00	Chau et al.	709/229	Apr-8-1997
258		6,016,519	Jan-00	Chida et al.	710/19	Nov-28-1997
259		6,018,452	Jan-00	Meyerhoefer	361/111	Mar-31-1998
260		6,021,496	Feb-00	Dutcher et al.	726/21	Jul-7-1991
261		6,031,368	Feb-00	Klippe, et al	324/133	Sep-12-1996
262		6,033,101	Mar-00	Reddick et al.	700/286	Dec-7-1994
263		6,038,457	Mar-00	Barkat	455/556.1	Dec-5-1997
264		6,047,376	Apr-00	Hosoe	726/5	Mar-19-1997
265		6,049,139	Apr-00	Nagaura	307/10.1	Jun-9-1998

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
266		6,049,881	Apr-00	Massman, et al.	713/300	May-8-1998
267		6,057,670	May-00	Sink, et al.	320/117	Nov-4-1998
268		6,092,131	Jul-00	Caldwell, et al.	710/100	Jul-28-1997
269		6,092,196	Jul-00	Reiche	726/6	Nov-25-1997
270		6,095,867	Aug-00	Brandt, et al.	439/620.09	Sep-21-1998
271		6,097,761	Aug-00	Buhring, et al.	375/257	Feb-9-1998
272		6,100,471	Aug-00	Fouache	174/72C	Jan-27-1998
273		6,101,459	Aug-00	Tavallaei	702/152	Aug-15-1997
274		6,121,778	Sep-00	Moore	324/619	Feb-20-1998
275		6,134,666	Oct-00	De Nicolo	713/300	Mar-12-1998
276		6,141,763	Oct-00	Smith, et al	713/300	Sep-1-1998

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
277		6,144,722	Nov-00	Anderson, et al.	379/27.01	Jun-20-1997
278		6,175,556	Jan-01	Allen, Jr et al.	370/293	Jan-06-1997
279		6,178,458	Jan-01	Wang	709/232	Nov-7-1997
280		6,178,514	Jan-01	Wood	713/300	Jul-31-1998
281		6,181,140	Jan-01	Vokey, et al.	324/523	Jun-8-1998
282		6,219,216	Apr-01	Holce, et al	361/94	Nov-12-1999
283		6,233,689	May-01	Allen, et al.	713/320	Nov-8-1999
284		6,236,625	May-01	Schell, et al.	369/13.22	Aug-22-1997
285		6,243,818	Jun-01	Schwan et al.	713/300	Sep-6-2000
286		6,253,121	Jun-01	Cline, et al.	700/300	Jun-16-1999
287		6,278,357	Aug-01	Croushore, et al	375/259	Feb-3-2000

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<b>FORM HDP-1449 (Based on Form PTO-1449)</b> <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> <small>(Use several sheets if necessary)</small> Sheet 23 of 28		ATTORNEY DOCKET No.	APPLICATION No.
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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
288		6,278,665	Aug-01	Schell, et al	369/13.22	Sep-17-1997
289		6,279,060	Aug-01	Luke, et al.	710/64	Dec-4-1998
290		6,292,901	Sep-01	Lys, et al.	713/300	Dec-17-1998
291		6,295,569	Sep-01	Shimura, et al.	710/305	Jul-11-1997
292		6,301,527	Oct-01	Butland et al.	700/286	Sep-24-1999
293		6,317,675	Nov-01	Stolzl, et al.	701/76	Nov-20-1998
294		6,329,810	Dec-01	Reid	324/117H	Mar-18-1998
295		6,349,353	Feb-02	Lewis, et al	710/300	May-8-1998
296		6,351,648	Feb-02	Karapetkov, et al.	455/466	Apr-9-1998
297		6,366,143	Apr-02	Lui et al.	327/142	Jun-1-1998
298		6,366,208	Apr-02	Hopkins, et al.	340/650	Dec-2-1999

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
299		6,377,874	Apr-02	Ykema	700/286	Sep-7-1994
300		6,393,050	Apr-02	Liu	375/219	Oct-30-1998
301		6,393,474	May-02	Eichert, et al.	709/223	Dec-12-1998
302		6,393,607	May-02	Hughes et al.	725/130	Jan-27-1999
303		6,396,391	May-02	Binder	340/538.15	Aug-27-1998
304		6,398,779	Jun-02	Buysse, et al.	606/34	Sep-30-1999
305		6,418,332	Jul-02	Mastrototaro, et al	600/316	Feb-24-2000
306		6,449,348	Sep-02	Lamb, et al	379/93.36	May-29-1997
307		6,456,625	Sep-02	Itoi	370/401	Mar-27-1998
308		6,459,175	Oct-02	Potega	307/149	Nov-17-1998
309		6,480,510	Nov-02	Binder	370/502	Jul-28-1998
310		6,496,103	Dec-02	Weiss, et al.	375/257	Feb-4-2000

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
311		6,526,516	Feb-03	Ishikawa, et al	713/340	Dec-11-1998
312		6,529,127	Mar-03	Townsend, et al.	340/505	Jul-11-1998
313		6,535,983	Mar-03	McCormack, et al.	713/310	Nov-8-1999
314		6,546,494	Apr-03	Jackson, et al.	713/300	Oct-6-1999
315		6,587,454	Jul-03	Lamb	370/352	May-28-1998
316		6,681,013	Jan-04	Miyamoto	379/413	Jul-13-1999
317		6,701,443	Mar-04	Bell	713/300	Jun-19-00
318		6,744,888	Jun-04	EI-Kik, et al.	379/412	Nov-16-1998
319		6,889,095	May-05	Eidson, et al.	700/12	Jun-11-1998

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FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
1.		WO 99/34591	7/8/99	PCT	H04M 19/00	Abstract
2.		01-160198	6/23/89	Japan	H04Q 9/02	Abstract
3.		WO 98/57248	12/17/98	PCT	H06F 1/26	N/A
4.		JP 10-013576	1/16/98	Japan	H04M 19/08	Abstract
5.		JP1998013576A	1/16/98	Japan	H04M19/08	Yes
6.		EP 0 584 447 B1	6/11/97	EPO	G01R 15/24	Abstract
7.		H8-307476	11/22/96	Japan	H04 29/00	X
8.		EP 0 852 018 B1	5/21/2003	EPO	G01V 1/38	N/A
9.		H8-204782	8/9/96	Japan	H04L 20/10	X
10.		WO 96/23377	8/1/96	PCT	H04L 12/10	N/A
11.		H6-244893	9/2/94	Japan	H04L 29/00	X
12.		WO 92/17968	10/15/92	PCT	H04L 27/00	N/A
13.		4-180430	6/26/92	Japan	H04B3/46	Abstract
14.		GB 2 249 919 A	5/20/92	United Kingdom	H04M 11/06	N/A
15.		DE 41 38 065 A1	5/27/93	Germany	H04L 25/02	X
16.		FR 2 682 843 A1	10/18/91	France	H 04 L 29/00	Abstract
17.		EP 0386659	9/12/90	EPO	H04B3/54	X
18.		DE 3907652 A1	9/13/90	Germany	H04L 25/02	Abstract
19.		02-087762	3/28/90	Japan	H04M19/08	Abstract

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Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
20.		JP2087762	3/28/90	Japan	H04M19/08	X
21.		EP 0 357 482 A2	3/7/90	EPO	G 08 B 13/14	Abstract
22.		JP1160198	6/23/89	Japan	G06f1/26	X
23.		63-018741	1/26/88	Japan	H04Q3/42	Abstract
24.		93/02510	Feb/1993	PCT	H04J 14/16	N/A

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.		Universal Serial Bus Specification, Revision 1.1, September 23, 1998 (327 pages).
2.		DECconcentrator 500 (Technical Description), July 1992
3.		LattisNet Model 505 Transceiver Quick Reference Sheet (893-448-A) (2 pages) (date unknown)
4.		LattisNet Model 505 Unshielded Twisted Pair Transceiver (Pictures) (5 pages) (date unknown)
5.		SynOptics Series 3000 Hub Management Module Guide, February 1998
6.		The Ethernet, A Local Area Network, Data Link Layer and Physical Layer Specifications, Version 1.0, September 30, 1980
7.		The Ethernet, A Local Area Network, Data Link Layer and Physical Layer Specifications, Version 2.0, November, 1982
8.		LattisNet Model 3305 Ethernet UTP Host Module (Pictures) (8 pages) (date unknown)
9.		SynOptics LattisNet System 3000 Ethernet Connectivity Guide (Pg. 4-2) (Sept. 1991)
10.		MagicNet Hub (Models: ML 400x & Model 401x) (Pictures) (8 pages) (date unknown)

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449)		ATTORNEY DOCKET No.	APPLICATION No.
		9919-000002/COC	10/668,708
		APPLICANT	
		John F. Austermann, III	
		FILING DATE	GROUP
Sheet 28 of 28		September 23, 2003	2616

<b>OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)</b>		
Ref. Desig.	Examiner's Initials	
11.		IBM Cabling System, Technical Interface Specification, GA27-3773-1 (2 <sup>nd</sup> Edition, October 1987)
12.		"Data Cabling – Still In The Melting Pot? (by The Cabling Partnership) (July 21, 1998)

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